

Texas Red-X, acid

Catalog number: 469

Unit size: 10 mg

Product Details

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Solid
Molecular Weight	719.87
Soluble In	DMF

Spectral Properties

Excitation Wavelength	595 nm
Emission Wavelength	613 nm

Applications

Compared to Texas Red®, Texas Red-X dye that contains an additional seven-atom aminohexanoyl spacer ("X") between the fluorophore and the carboxy group. This spacer helps to separate the fluorophore from its point of attachment, potentially reducing the interaction of the fluorophore with the biomolecule to which it is conjugated. This product is a single 5-isomer, giving more reproducible results. It has the same spectral properties to Texas Red, and can be used to create bright red-fluorescent bioconjugates with excitation/emission maxima ~595/615 nm (Texas Red® is the trademark of ThermoFisher).